

Title (en)  
HOLDING FRAME ASSEMBLY AND FLEXIBLE RETAINERS FOR SAME

Title (de)  
HALTERAHMENANORDNUNG UND FLEXIBLE HALTERUNGEN DAFÜR

Title (fr)  
ENSEMBLE CADRE DE MAINTIEN ET DISPOSITIFS DE RETENUE FLEXIBLES POUR CELUI-CI

Publication  
**EP 2844365 A4 20160803 (EN)**

Application  
**EP 12876057 A 20121121**

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Abstract (en)  
[origin: US2013291504A1] A flexible filter retainer and a holding frame assembly having a flexible retainer are provided. In one embodiment, the flexible filter retainer for the holding frame comprises a flat body extending from a first end to a second end. The body comprises a bowed shaped retaining portion disposed at the first end and comprises a first strip and a top face. The body also comprises a fixed portion disposed at the second end and comprises a second strip. The first and second strips are linearly aligned and laterally offset from the top face. In another embodiment, a filter holding frame assembly comprises a holding frame and flexible filter retainers coupled to the holding frame. Each retainer comprises a flat body extending from a first end to a second end. The body comprises a retaining portion disposed at the first end and a fixed portion disposed at the second end.

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Citation (search report)  
• [A] DE 202005011002 U1 20050908 - HELSA AUTOMOTIVE GMBH & CO KG [DE]  
• [A] US 2175195 A 19391010 - IRVINE JAN S  
• [A] WO 2010149228 A1 20101229 - CAMFIL AB [SE], et al  
• [A] WO 2004070285 A1 20040819 - WALL RAYMOND WILLIAM [AU]  
• See references of WO 2013165463A2

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**US 2013291504 A1 20131107; US 9114341 B2 20150825**; CA 2796565 A1 20131101; CA 2796565 C 20161101; EP 2844365 A2 20150311; EP 2844365 A4 20160803; US 10195557 B2 20190205; US 10646807 B2 20200512; US 2015360160 A1 20151217; US 2019160407 A1 20190530; WO 2013165463 A2 20131107; WO 2013165463 A3 20150611

DOCDB simple family (application)  
**US 201213690858 A 20121130**; CA 2796565 A 20121121; EP 12876057 A 20121121; US 2012066245 W 20121121; US 201514834086 A 20150824; US 201916265200 A 20190201